FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00147015-C **Type of Permit:** FILMING **Release Date:** 01/16/2019

Production Company WARNER BROS TELEVISION PRODUCTION

Insured Company Name WARNER BROS TELEVISION PRODUCTION

Contact Phone No. 1 818-954-4833
Contact Phone No. 2
Fax 818-954-4904
Address 4000 WARNER BLVD
BURBANK, California 91522

Production Title LETHAL WEAPON

Type of Production TV Drama

Producer Marc Alpert

Director Nick Copus

1st AD Michael Newman

Production Manager Mark Bashaar

FilmL.A. Coordinator Cody Penwell

Location Manager Timothy Hillman
Primary Phone Mobile - 213-712-1637
Secondary Phone Office - 818-954-3077

Location Assistant Mona Nash Boelter
Primary Phone Mobile - 818-415-8383
Secondary Phone

Fees

Total Permit Fee $0.00

Number of Locations 1

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Summary Information — Location

Permit Number	F00147015-C	**Location Manager**	Timothy Hillman
Production Company	WARNER BROS TELEVISION PRODUCT...	Primary Phone	Mobile - 213-712-1637
Insured Company	WARNER BROS TELEVISION PRODUCT...	Secondary Phone	Office - 818-954-3077
Production Title	LETHAL WEAPON		

Location Address 1200 S Figueroa St, Los Angeles, CA, 90015

Location Name CIRCA LA APARTMENTS

Location Type Apartment Building

Prep Dates 1/17/2019 - 1/17/2019 06:00 - 10:00 1 day

Film Dates 1/17/2019 - 1/18/2019 10:00 - 01:30 1 day

Strike Dates 1/21/2019 - 1/22/2019 07:00 - 22:00

Hold Dates 1/19/2019 - 1/20/2019 00:00 - 00:00

Open or Closed to the Public Open

Generic Conditions

*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.
*LAFD UFSO: Company must contact FilmL.A. for extension of the Uniformed Fire Safety Officers' hours. During normal business hours, UFSO must also inform the LAFD Film desk of the extension.
All closures impacting sidewalks must be implemented per WATCH manual, CA MUTCD TA-28 & TA-29
Community Survey Obtained
Equipment staging and vehicles may park on one side of the street only.
Must comply with attached conditions
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
No interference with merchant activity.
Notify LAPD Central Division (213) 486-6606 and comm. (213) 978-6552 1/2 hour prior to any gunfire, brandishing weapons, special effects or simulated emergency or criminal activity.
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.
Traffic control must be done in accordance w/MUTCD
Traffic Officers Required
Uniformed officers shall have a copy of the film permit in their possession and are

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Production Title	LETHAL WEAPON		

required to confirm that all traffic control signage devices are in place.

Please see attached documents

F00147015-Drone_Info.pdf
12th St (closure) Btwn Figueroa St & Flower St - Lethal Weapon.pdf
Figueroa St btwn Pico Blvd & 12th St WS curb - Lethal Weapon.pdf
Pico Blvd btwn Flower St & Figueroa St NS curb - Lethal Weapon.pdf
U27877.pdf
Downtown Filming Guildelines 2010.03.01.pdf

Equipment on Location

Type	Quantity
4000 gal water truck	1
5 or 10 ton trucks	3
Cast/Crew vehicles	150
Catering Truck	2
Condors	2
Cranes	1
Cube Trucks	3
Generator	3
Honey Wagons	1
Picture vehicles	15
Portable restrooms	2
Scissor Lifts	2
Semi Trucks	5
Stakebed Trucks	6
Trailers	6
Vans	5

Personnel on Location

Type	Quantity
Cast	8
Crew	75
Extras	200
LA City UFSO assigned	44137
Off-Duty/Retired LAPD Officer(s)	4

Filming Activities

Aerial Photography with remote control aircraft. (UAS); Atmospheric Smoke Effects; Camera in car; Camera on sticks; Drive by; Drive ups & away; Emergency vehicles with flashing lights; Equipment on sidewalk & street; Equipment on sidewalk, in curb lane & across street; Exterior establishing shots; Handheld equipment; Interior and exterior dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minutes standard; Rooftop activity; Talent in police uniforms; Wetdown; Wind effects; Simulated couple jumping out of high rise exploding window cabled from roof; Stunt person/actor hanging off of side of building cabled from roof; interior gunfire and gunfire in parking garage; Squib body hit; *SPECIAL FX AND GUNFIRE WILL

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Summary Information — Location

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Production Title	LETHAL WEAPON		

OCCUR MULTIPLE TIMES THROUGHOUT THE DURATION OF FILMING (1/16 - 1/18); (2) units filming at the same time on location. ; Filming in Alley;

Gunfire

Shot Type	Load Type	No. Takes Per Day	No. Times Per Take
Exterior Semi-Automatic	1/4 load	6 - 10	6 - 10
Exterior Single Shot	1/4 load	6 - 10	6 - 10
Interior Semi-Automatic	1/4 load	6 - 10	6 - 10
Interior Single Shot	1/4 load	6 - 10	6 - 10

Special Effects: F/X Permit # U27877

Type	No. Times Per Day	No. Takes Per Take
Breaking Glass	2 - 5	2 - 5
Bullet hits on body	2 - 5	2 - 5
Bullet hits on things	6 - 10	6 - 10
Dust Hits	6 - 10	6 - 10
Fire Ball	2 - 5	2 - 5
Smoke effects	6 - 10	6 - 10
Sparks	6 - 10	6 - 10
Squibs	6 - 10	6 - 10
Zirk hits	6 - 10	6 - 10

Description of F/X Scene: BODY HITS ON STUNTMAN (3 TAKES), SMALL BLACK POWDER GAG ON STUNTMAN (3 TAKES), STUNTMAN THROWN THROUGH GLASS (MULTIPLE TAKES), MISC BULLET HITS ON CARS AND SET DRESSING, SMALL SPARK EFFECT (3 TAKES), 6 OUTDOOR HEATERS.

- (20) D80-1/2
- (30) MD-1
- (10) 5-GALLON PROPANE TANKS
- (300) ZIRC HITS
- 1LB FFF BLACK POWDER
- (20) A-5 IGNITERS

*UFSO REQUIRED FOR FX

Jurisdiction **Political:** Los Angeles City - Council District 14 **Police:** Los Angeles Police Department **Fire:** Los Angeles City

NO PERMIT

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Summary Information — Location

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Insured Company	WARNER BROS TELEVISION PRODUCT...	Secondary Phone	Office - 818-954-3077
Production Title	LETHAL WEAPON		

Thomas Guide **Page:** 634 **Grid:** D5

Coordinator Note (2) UFSOS REQUIRED FOR (2) UNITS FILMING ON THE FOLLOWING FILM DATE 1/17.

(2) UFSOS REQUIRED. 1/17; 1000-0130 HOURS FOR 2 UNITS.

Coordinator Note RIDER C CLARIFIES PERSONNEL HIRE FOR LAFD; NO RIDER FEE.

Parking

Base Camp
Location Type : Filming Location

Crew Parking
Location Type : Filming Location

NOT A PERMIT

Permit #F00147015-C

UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #:

Film Date: January 18/19, 2019

Production Title: Lethal Weapon, Episode 315

Production Company: Lethal Weapon

Applicant Name: Hal Winer - Director of Operations - Astraeus Aerial

Location Address: 1200 S. FIGUEROA ST., LOS ANGELES, CA 90015

Hours of UAS Activity: 12pm 1/18 to 6am 1/19

Location Address #2:

Hours of UAS Activity:

UAS Company Name: Astraeus Aerial, LLC

UAS ON LOCATION INFORMATION

ANY RESTRICTED AREAS OR TEMPORARY FLIGHT RESTRICTIONS? ☐ YES ■ NO

UAS Make & Model: Freefly Alta 8

UAS "N" # or registration #: FA3LC9AKFA (primary) & FA3R9A4FAX (backup)

UAS Make & Model: DJI Inspire 2

UAS "N" # or registration #: FA3CWEXL3F (primary), FA37HKNYRW (backup)

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ■ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS OPERATING AUTHORITY: ☐ 333 EXEMPTION ■ 14 CFR PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Corey Gineris

Certificate #: 3927618

Remote Pilot Phone #: (562) 686-3839

Visual Observer: ■ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)

☐ Flight altitude restrictions (§107.51)

■ Night Flight (§107.29)

☐ Operating from a moving vehicle (§107.25)

☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ DOCS ATTACHED TO PERMIT
☐ POA ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ DOCS ATTACHED TO PERMIT ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

☐ _____ I ASSERT THAT ALL INFORMATION ON THIS FORM IS ACCURATE.

(APPLICANT)

NOT A PERMIT

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: Freefly

Model: Alta 8

Serial Number: 709915

Certificate Number: FA3LC9AKFA

Issued: 07/27/2018 Expires: 07/27/2021

A

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Alta A - AAA08A

Federal Aviation Administration

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: Freefly

Model: Alta 8

Serial Number: 447474

Certificate Number: FA3R9A4FAX

Issued: 08/14/2018 Expires: 08/14/2021

B

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Alta B - AAA08B

Federal Aviation Administration

PERMIT
NOT

Permit #F00147015-C

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: DJI

Model: Inspire 2

Serial Number: 09YDE3T0041346

Certificate Number: FA3CWEXL3F

Issued: 11/20/2017 Expires: 11/20/2020

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Inspire E

Federal Aviation Administration

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: DJI

Model: Inspire 2

Serial Number: EJ270917355013

Certificate Number: FA37HKNYRW

Issued: 01/13/2018 Expires: 01/13/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Inspire F

Federal Aviation Administration

FUTURA

Permit #F00147015-C

I UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
IV NAME
COREY MICHAEL GINERIS
V ADDRESS 29660 MAMMOTH LN
SANTA CLARITA CA 91387-6232
U
VI NATIONALITY USA
IVa D.O.B. 16 AUG 1994
SEX HEIGHT WEIGHT HAIR EYES
M 69 185 BROWN BROWN
IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF
A
II REMOTE PILOT
III CERTIFICATE NUMBER 3927618
X DATE OF ISSUE 11 OCT 2016
S
XIV
VIII ADMINISTRATOR

NOT A PERMIT

Certificate of Achievement

This is to certify that

Corey Michael Gineris

has successfully completed the

FAA Safety Team Aviation Learning Center Online Course

Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent

Course Number ALC-515

Presented by Online Courses

January 11, 2019

Federal Aviation Administration

Certificate Number 0854640-20190111-00515

Valerie G. Palazzolo

Valerie G Palazzolo, National Manager, FAA Safety Team

PERMIT

Permit #F00147015-C

Certificate of Achievement

This is to certify that

Corey Michael Gineris

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FAA Safety Team Aviation Learning Center Online Course

Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent
Course Number ALC-515
Presented by Online Courses
January 11, 2019

Federal Aviation Administration

Certificate Number 0854640-20190111-00515

Valerie G Palazzolo, National Manager, FAA Safety Team

NOT A PERMIT

Cut out the small certificate above and keep with your airman certificate. You should keep the remainder of this sheet in a safe place in case you lose your certificate above.

Your Name	Corey Michael Gineris
Your faasafety.gov Registered Username	coreygineris@gmail.com
Course Completed	Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent
Course Completion Date	January 11, 2019
Course Completion Certificate Number	0854640-20190111-00515

Permit #F00147015-C

ASTRAEUS
AERIAL CINEMA SYSTEM

PLAN OF ACTIVITY

For Part 107 sUAS Image-Capture Operations

Prepared By: Hal Winer – Director of Operations **Phone: 914-523-6044**

PRODUCTION, EPISODE/NUMBER:
"Lethal Weapon" Episode 315

PRODUCTION COMPANY, **CONTACT**:
Mark Bashaar, UPM (818) 954-4484 O

DATES AND TIMES OF OPERATION:
12pm Friday 1/18 until 6am Saturday 1/19, 2019

MAKE, MODEL, AND REGISTRATION NUMBER OF UAS(S) TO BE USED:
Freefly Alta 8 - FA3LC9AKFA (primary) & FA3R9A4FAX (backup)
DJI Inspire 2 - FA3CWEXL3F (primary) & FA37HKNYRW (backup)

REMOTE PILOT(S):
Corey Gineris, Remote Pilot certificate #3927618

VISUAL OBSERVER/ON-SCENE FLIGHT CREW CONTACT:
Travis Samson (206) 604-2212

LOCATION 1: 1200 S. FIGUEROA ST. LOS ANGELES, CA 90015		**LOCATION 2:**		**LOCATION 3:**	
LAT/LONG: 34°02'28.65"N 118°15'59.91"W	**OPS RADIUS:** .5 NM	**LAT/LONG:**	**OPS RADIUS:**	**LAT/LONG:**	**OPS RADIUS:**
ELEVATION: ' MSL	**ALTITUDES:** Surface to 400' AGL	**ELEVATION:**	**ALTITUDES:**	**ELEVATION:**	**ALTITUDES:**
NEAREST AIRPORT: **VNY**		**NEAREST AIRPORT:**		**NEAREST AIRPORT:**	
LOCATION 4:		**LOCATION 5:**		**LOCATION 6:**	
LAT/LONG:	**OPS RADIUS:** NM	**LAT/LONG:**	**OPS RADIUS:** NM	**LAT/LONG:**	**OPS RADIUS:** NM
ELEVATION: ' MSL	**ALTITUDES:** Surface to 400' AGL	**ELEVATION:** ' MSL	**ALTITUDES:** Surface to 400' AGL	**ELEVATION:** ' MSL	**ALTITUDES:** Surface to 400' AGL
NEAREST AIRPORT:		***NEAREST AIRPORT:***		***NEAREST AIRPORT:***	

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ASTRAEUS
AERIAL CINEMA SYSTEM

AIRSPACE:
B ☐ **C** ☐ **D** ☐ **E** ☐ **G** ☒

AIRSPACE AUTHORIZATION (Part 107.41):
None required ☒ **Number:**

CERTIFICATE OF WAIVER
None required ☐ **Number:** 107W-2016-00601D attached

PROHIBITED OR RESTRICTED AIRSPACE
No ☒ **Authorized by:** **Contact info:**

DESCRIPTION OF TERRAIN (boundaries, natural barriers, critical/sensitive features):
Downtown Los Angeles. High Rise buildings, busy urban environment. ITC, closed set and protected UAV perimeter are all critical.

LOCATION MANAGER:	**OWNER OR SITE REPRESENTATIVE:**
Timothy Hillman	

DESCRIPTION OF SHOTS/SHOT LIST:
Static or tight perimeter overhead shots. Day and Night. High and wide.

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ASTRAEUS
AERIAL CINEMA SYSTEM

SAFETY AND SECURITY PLAN:
This filming location will be closed to non-participants, and UAS operations will take place within a safety perimeter controlled by production and security personnel, with appropriate road closures and/or ITC. Flight operations will be suspended immediately if non-participants enter the safety perimeter, or if any other condition jeopardizes safety of flight. As specified in Part 107.39: operations will only take place over people if they are "located under a covered structure" or inside a "vehicle that can provide reasonable protection from a falling small unmanned aircraft."

Class ABC fire extinguishers will be available at all times.

Per the standard established in Astraeus Aerial's Section 333 *Motion Picture and Television Operations Manual*, flight crew will maintain the following:

- Non-essential production personnel will remain a minimum of 100' from flight operations.
- Essential production personnel MAY be permitted less than 100' from flight operations, upon acknowledgement of the risks involved, and only at the discretion of the Flight Crew.

PRIOR TO UAS OPERATIONS, FLIGHT CREW MUST BRIEF ALL PERSONNEL WHO WILL BE ON SET.

COMMUNICATIONS:
Voice: between PIC and Visual Observer
Radio, Primary Channel: duplex radio intercom used as necessary by Astraeus Aerial personnel
Radio, Secondary Channel: per production

PERSON RESPONSIBLE FOR SAFETY PERIMETER:
1st AD - 1st AD - Michael Neumann (805) 551-0771 (c) neume810@sbcglobal.net

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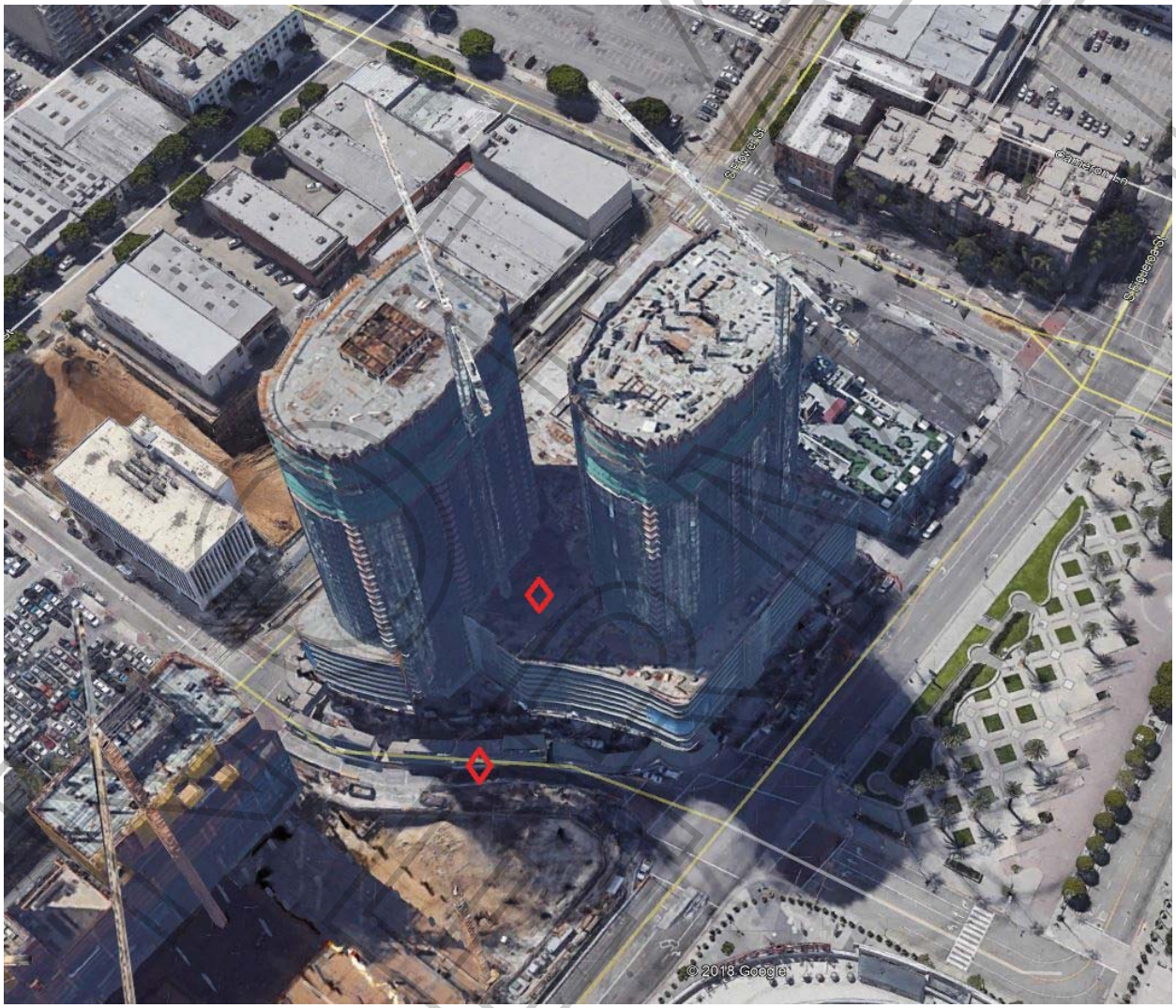
ASTRAEUS
AERIAL CINEMA SYSTEM

LOCATION MAPS / DIAGRAMS



PLAN

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ASTRAEUS
AERIAL CINEMA SYSTEM

LOCATION MAPS / DIAGRAMS

NOT PERMITTED

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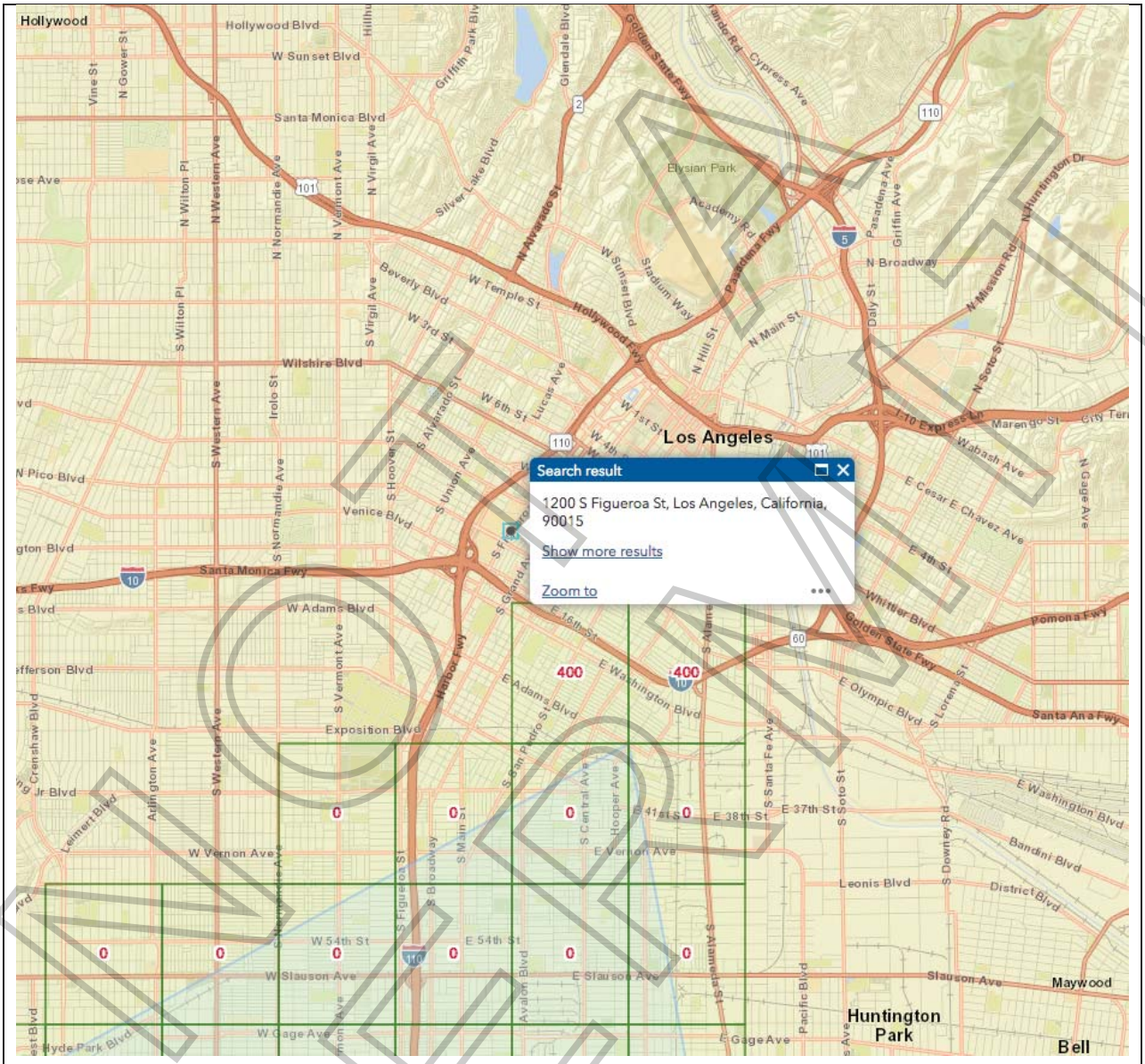
ASTRAEUS
AERIAL CINEMA SYSTEM

LOCATION MAPS / DIAGRAMS



NOT FOR PERMIT

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

Astraeus Aerial
Responsible Person: David Wagreich
Waiver Number: 107W-2016-00601D

ADDRESS –

2708 Wilshire Blvd., Ste. 383
Santa Monica, CA 90403

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small Unmanned Aircraft System (sUAS) operations, first person view in lieu of visual line of sight operations by the remote pilot in command, and operating more than one sUAS at the same time.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29 Daylight operation
14 CFR § 107.31 Visual line of sight operations
14 CFR § 107.35 Operation of multiple small unmanned aircraft

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 24, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from January 05, 2017 to August 31, 2021 and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS-800

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FAA Form 7711-1 (7-74) CC:

SPECIAL PROVISIONS ISSUED TO
Astraeus Aerial

General.

This Certificate of Waiver is an amendment which supersedes and replaces Waiver 107W-2016-00601C issued to Astraeus Aerial for operations under 14 CFR 107. Waivers 107W-2017-00901C, 107W-2016-00601B, 107W-2016-00601A, and 107W-2016-00601 are no longer valid.

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below, because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.29, Daylight operation, is waived to allow sUAS operations during night.

14 CFR § 107.31, Visual line of sight aircraft operation is waived to the extent necessary to allow the remote pilot in command (PIC) to operate the small unmanned aircraft (sUA) with first person view (FPV), in lieu of visual line of sight, while a second remote pilot, who holds a valid remote pilot certificate under part 107, acts as Visual Observer (VO), and exercises the ability to see the sUA throughout the entire flight.

14 CFR § 107.35 Operation of multiple small unmanned aircraft.

Common Provisions. The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC, manipulator of the controls, and VO complies with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the responsible person:
   a. Must ensure the remote PIC, manipulators of the controls, and VO are informed on the terms and provisions of this waiver and the strict observance of the terms and provisions herein;
   b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations not waived; and
   c. The above must be documented and must be presented for inspection upon request from the Administrator or an authorized representative.

NOT A PERMIT

2. This Waiver must not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;

3. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air, are in jeopardy or there is a violation of the terms of this Waiver;

4. Operations under this Waiver are to be conducted in Class G airspace only unless specific airspace authorization or Waiver is received from the FAA in accordance with § 107.41;

5. A copy of this Waiver must be available during sUAS operations that are the subject of this Waiver;

6. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

7. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

8. All operations under this Waiver must use one or more VO;

Night sUAS Operations Special Provisions. sUAS operations may be conducted at night, as defined in 14 CFR § 1.1, provided:

9. As described in the Waiver application, the remote PIC and VO must be trained, to recognize and overcome visual illusions caused by darkness, and understand physiological conditions which may degrade night vision prior to conducting operations that are the subject of this Waiver. This training must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

10. The area of operation must be sufficiently illuminated to allow both the remote PIC and VO to identify people or obstacles on the ground, or the remote PIC and VO must conduct a daytime site assessment prior to conducting operations that are the subject of this Waiver, noting any hazards or obstructions;

11. The sUA must be equipped with lighted anti-collision lighting visible from a distance of no less than 3 statute miles. The intensity of the anti-collision lighting may be reduced if, because of operating conditions, it would be in the interest of safety to do so;

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Visual Line of Sight Operations Special Provisions. sUAS operations may be conducted with the remote pilot in command using FPV, in lieu of visual line of sight, provided:

12. At all times, at least one person who holds a remote pilot certificate under part 107 must maintain visual line of sight (VLOS) of the sUA in order to (1) know the sUA's location, (2) determine the sUA's attitude, altitude and direction of flight, (3) observe the airspace for other air traffic or hazards and (4) determine that the sUA does not endanger the life or property of another. The remote pilot maintaining VLOS may act as a required VO while the remote PIC, located within the base station vehicle, uses FPV while manipulating the controls, in lieu of VLOS, to operate the sUA;

13. Communication between the remote PIC and the remote pilot maintaining VLOS, acting as a VO, must allow for the remote PIC to maneuver the sUA with sufficient time to perform necessary maneuvers to avoid other aircraft in accordance with § 107.37, or react to any unforeseen operational or mechanical failure;

14. As described in the waiver application, operations that are the subject of this Waiver must remain within VLOS of the remote pilot, acting as VO, at all times while the remote PIC, located within the base station vehicle, uses FPV while manipulating the controls, in lieu of VLOS, to operate the sUA;

15. As described in the waiver application, prior to and during operations that are the subject of this Waiver, the "override" feature of the sUA must operate properly so that the remote pilot, acting as VO, has continuous control and override capability of the sUA while the remote PIC operates the sUA using FPV;

16. As described in the waiver application, prior to conducting operations that are the subject of this Waiver, the remote PIC and the remote pilot acting as VO must maintain continuous full-duplex voice communication;

17. As described in the waiver application, the remote PIC must fulfill the requirements of § 107.15(a) for all components of the sUAS;

18. All sUA operations conducted in accordance with this Waiver must comply with the manufacturer User Manual, including recommendations and limitations;

Operation of Multiple sUAS Special Provisions. sUAS operations with multiple sUA may be conducted, provided:

19. Prior to conducting operations that are the subject of this Waiver, operational area obstacles and boundaries must be identified so as to avoid collision with, or damage to property;

20. An individual system failure must not interfere with the operation of any other sUA or cause incidents, accidents, or loss of control involving any other sUA that are subject to this Waiver;

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21. As described in the waiver application, operations are only permitted within a location closed to the general public, with a secured perimeter;

22. As described in the waiver application, operations using multiple sUA are limited to not more than 6 sUA at a time and will not exceed 30 knots groundspeed (35 mph);

23. As described in the waiver application, prior to conducting operations that are the subject of this Waiver, the flight controller and the associated flight control system capability for each aircraft, operate properly; and

24. Not less than 24 hours prior to conducting operations that are the subject of this Waiver, a Notice to Airmen (NOTAM) must be filed. The NOTAM must include location, altitude, and/or operating area, time and nature of the activity, and number of sUA flying in the operating area.

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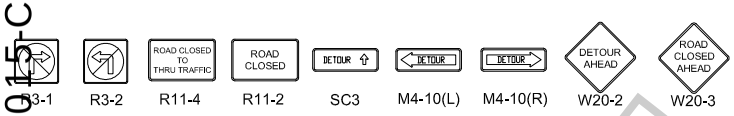
Permit #F001470155-C



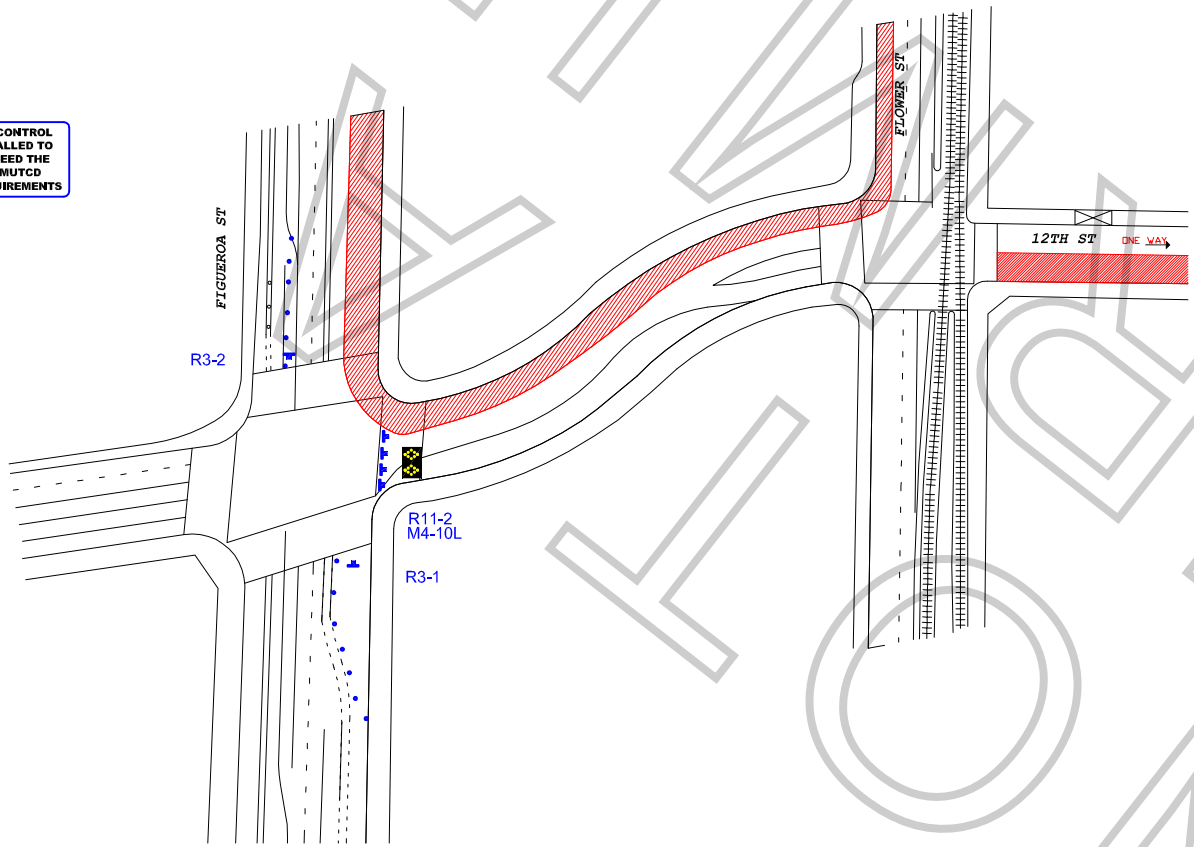
Ⓢ TRAFFIC SIGNAL

TRAFFIC CONE

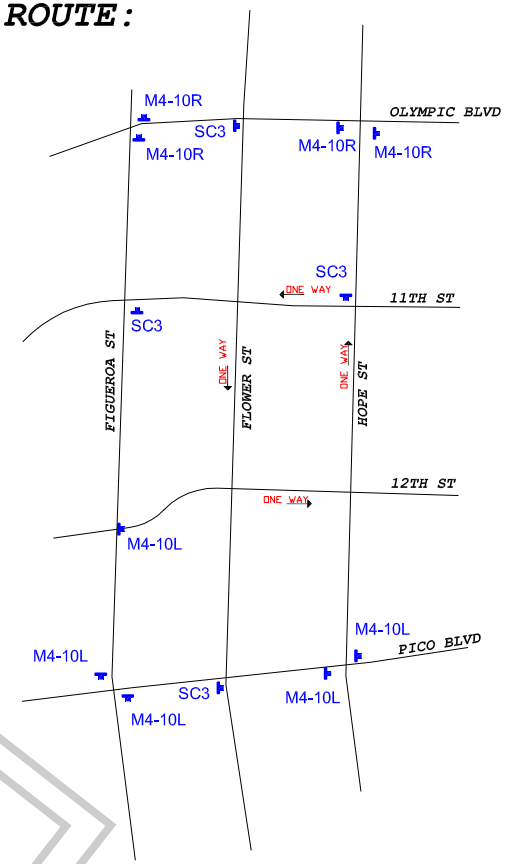
TYPE I W/ SIGN

HIGH LEVEL WARNING DEVICE

ALL TRAFFIC CONTROL WILL BE INSTALLED TO MEET OR EXCEED THE LATEST CA-MUTCD MINIMUM REQUIREMENTS



DETOUR ROUTE:



WORK ZONE TRAFFIC CONTROL PLAN
GENERAL NOTES

1. DATE/TIME: 1-16-19, 1-17-19, 1-18-19 FROM 05:00 HOURS TO 23:59 HOURS.

2. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE (CURRENT) STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA MUTCD, AND ANY ADDENDUMS THERETO, AND AS SHOWN ON THESE PLANS, SYMBOLS AND ABBREVIATIONS USED ARE SHOWN ON CALTRANS STANDARD PLANS.
3. THERE WILL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
4. CONES WILL BE 28" MINIMUM HEIGHT AND HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
5. POLICE WILL DIRECT TRAFFIC IF NECESSARY.

TCP FOR: WARNER BROTHERS TV:
"LETHAL WEAPON"

LOCATION:
FULL STREET CLOSURE
12TH ST BTWN FIGUEROA ST & FLOWER ST
LOS ANGELES, CALIFORNIA

CONTACT: TIM HILLMAN
PH# 213-712-1637

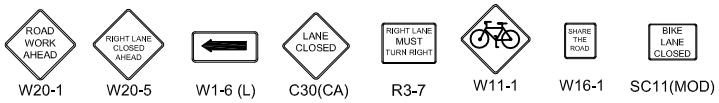
JCL TRAFFIC SERVICES
(213) 622-9775
C31-CA Lic # 805357

DATE REVISIONS

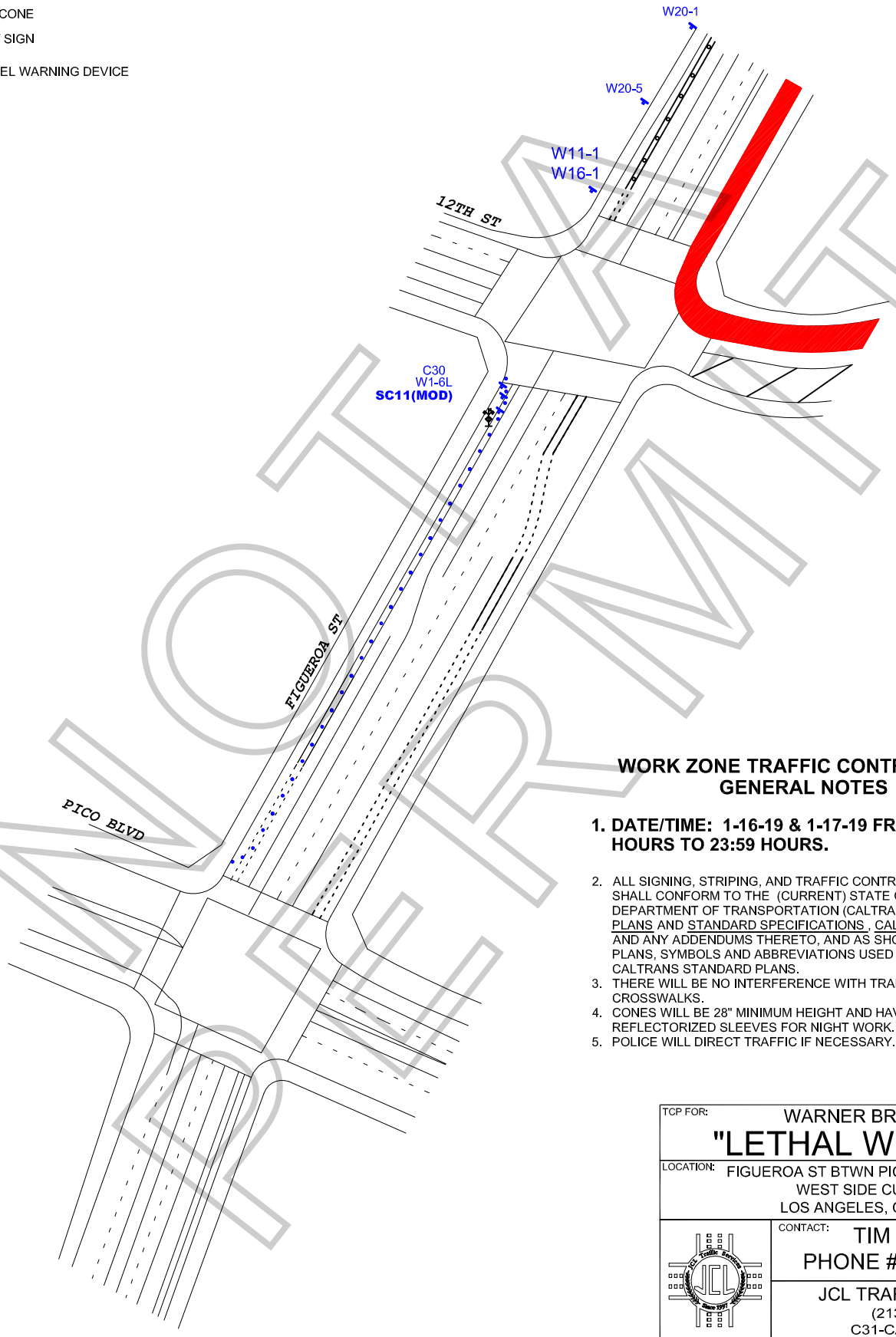
DRAFTER: MARIO MENJIVAR
SCALE: N.T.S.
FILM LA: CP

FINAL WORK ZONE

Permit #F00147015-C



ALL TRAFFIC CONTROL WILL BE INSTALLED TO MEET OR EXCEED THE LATEST CA-MUTCD MINIMUM REQUIREMENTS



NOT A PERMIT

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TCP FOR: WARNER BROS TV:
"LETHAL WEAPON"

LOCATION: FIGUEROA ST BTWN PICO BLVD & 12TH ST
WEST SIDE CURB LANE
LOS ANGELES, CALIFORNIA

CONTACT: TIM HILLMAN
PHONE # 213-712-1637

JCL TRAFFIC SERVICES
(213) 622-9775
C31-CA Lic # 805357

DATE	REVISIONS	DRAFTER: M. MENJIVAR
		SCALE: N.T.S.
		FILM LA: CP

Permit #F00147015-C

Ⓢ TRAFFIC SIGNAL

● TRAFFIC CONE

TYPE I W/ SIGN

HIGH LEVEL WARNING DEVICE

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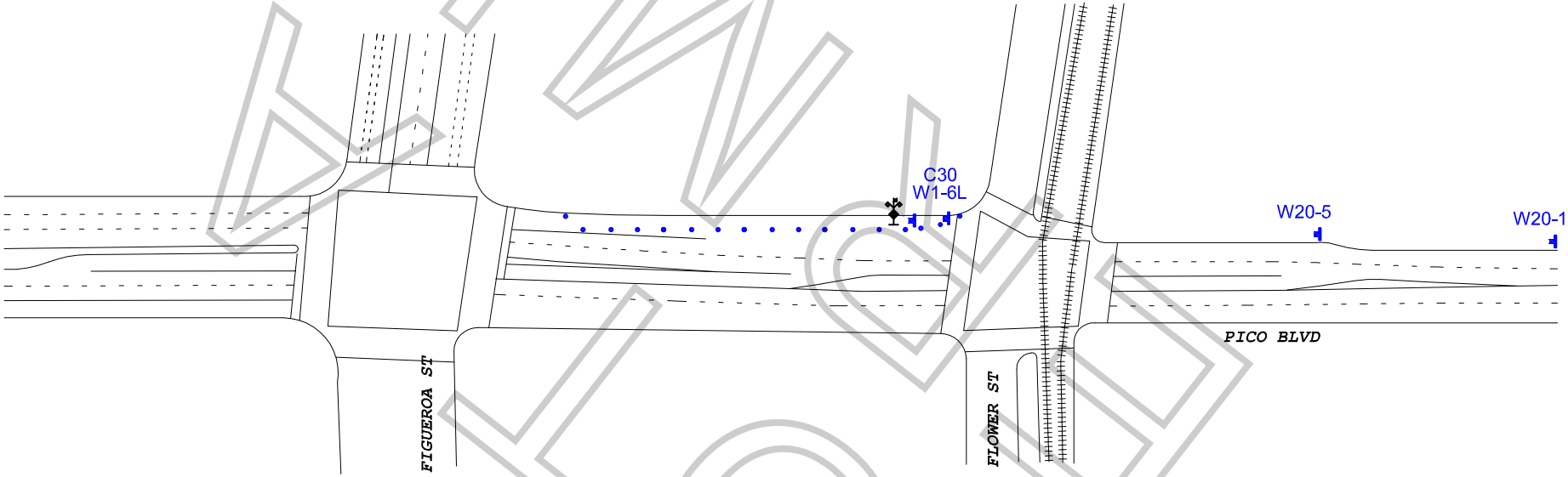

FLOW

WORK ZONE TRAFFIC CONTROL PLAN
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5. POLICE WILL DIRECT TRAFFIC IF NECESSARY.

TCP FOR:	LETHAL WEAPON
LOCATION:	N/S CURB LANE - PICO BLVD FROM FLOWER ST TO FIGUEROA ST LOS ANGELES, CALIFORNIA
CONTACT:	TIM HILLMAN PH# 213-712-1637
	JCL TRAFFIC SERVICES (213) 622-9775 C31-CA Lic # 805357
DATE / REVISIONS	DRAFTER: MARIO MENJIVAR SCALE: N.T.S. FILM LA: CODY PENWELL

F-315-U

LOS ANGELES FIRE DEPARTMENT

Permit #F00147015-C

Permit No: 27877

Date Issue 1/15/2019

SPECIAL PERMIT TO USE SPECIAL EFFECTS

State Lic No 3248.06

Name:	Brendon John Odell	Address:	24420 JENNIFER PLACE			Phone:	(661) 816-4934
Company:		City:	NEWHALL			Mobile:	
Email:	brendonodell@mac.com	State:	ca	Zip:	91321	Fax:	(661) 388-4806

2nd Operator: 3248.06 Brendon John Odell

Production Title: LETHAL WEAPON Production Company: WARNER BROS.

Location: 1200 S. FIGUEROA ST.

PERMISSION IS HEREBY GRANTED TO SIMULATE:

BODY HITS ON STUNTMAN (3 TAKES), SMALL BLACK POWDER GAG ON STUNTMAN (3 TAKES), STUNTMAN THROWN THROUGH GLASS (MULTIPLE TAKES), MISC BULLET HITS ON CARS AND SET DRESSING, SMALL SPARK EFFECT (3 TAKES), 6 OUTDOOR HEATERS.

USING THE FOLLOWING SPECIAL EFFECTS MATERIAL:

20 -D80-1/2
30 -MD-1
10 -5 GALLON PROPANE TAKES
300 -ZIRC HITS
1LB FFF BLACK POWDER
20 -A-5 IGNITERS

UNDER THE FOLLOWING CONDITIONS:

UNDER THE DIRECT SUPERVISION OF Brendon John Odell, 3248.06 AND UFSO REQUIRED, FILMLA PERMIT# 147015, GENERAL PRECAUTIONS AGAINST FIRE/INJURY, MULTIPLE FIRE EXTINGUISHERS, SENT COPY OF PERMIT TO SPFX OPERATOR AND FILMLA COORDINATOR CODY PENWELL

ADDITIONAL TERMS AND CONDITIONS

992.6 HSC RESPONSIBILITY. The Company representative shall provide to the authority having jurisdiction the name and license number of the special effects operator who shall have the authority, responsibility and be in charge of handling all Special Effects Material. The company representative shall also allocate sufficient time to the Special Effects Pyrotechnic Operator to prepare for the transportation, parking, storing, securing daily, discharging, disposing of, or otherwise handling of fireworks, pyrotechnic devices, or materials in a sane manner. Upon completion of firing, no unauthorized person shall be permitted access to the firing area until the licensed pyrotechnic operator has determined the area to be safe and secure.

NOTICE: The permittee and production company shall be advised that this permit in no way removes or modifies their responsibility to comply with any other applicable laws or ordinances, including those relating to excessive noise.

57.105.8 THE CHIEF SHALL HAVE THE POWER TO REVOKE OR SUSPEND ANY SPECIAL PERMIT UPON VIOLATION OF THE TERMS AND CONDITIONS IN ACCORDANCE WITH PROVISIONS OF SECTION 57.105.5 OF THE LOS ANGELES MUNICIPAL CODE.

SUBJECT TO FIELD INSPECTION NO DEVIATION WITHOUT WRITTEN PERMISSION

TEMPORARY FROM

1/16/2019 TO **1/18/2019**

Fire Chief
By: ANDERSON
Phone: 213 978-3670

lafd:rev 2/2017

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SPECIAL CONDITIONS FOR LOCATION FILMING IN DOWNTOWN LOS ANGELES
(Standard Filming Requirements continue to apply where not superseded below)

1. DEFINITION OF TERMS

a. Downtown Los Angeles, for the purposes of these conditions, shall be defined as the area North to South from the 101 Freeway to the 10 Freeway; East to West from the Los Angeles River to the 110 Freeway.

b. The Downtown Los Angeles Neighborhood Council boundaries (**DLANC boundaries**), for the purpose of these conditions, shall be defined as bordered on the North and East at the 101 Freeway from the 110 Freeway east to Los Angeles Street, south to 4th Street, east to Alameda Street, south to 7th Street, east to the Los Angeles River; on the South by the 10 Freeway from the 110 Freeway to the Los Angeles River; on the West by 110 Freeway from the 10 Freeway to the 101 Freeway. (This area is the same area as defined above as Downtown Los Angeles, but excludes the Little Tokyo and Arts District neighborhoods.)

c. Residential buildings shall be defined as any building with legal residential occupants (mixed-use, adaptive reuse, artist-in-residence (A.I.R.), SROs, residential hotels, condominiums and apartment buildings). DLANC will maintain an accurate and contemporary listing of all residential buildings showing a 100-foot radius from each building so as to identify any areas both inside and outside of that radius.

d. The Broadway Entertainment District (aka Broadway Theatre District), for the purposes of these Conditions, shall be defined north to south as Broadway from 3rd Street to Olympic Boulevard, and east to west from Frank Court to Lindley Place (aka St. Vincent Alley Court), or the equivalent mid-block point to either of these alleys where the alley is not present, including any theater loading facilities, defined as any public or private surface parking lot, parking garage, public street or curb area adjacent to, or utilized by, a theater. If, in the future, the City adopts an ordinance with regulations governing filming in this area, such regulations shall supersede these Filming Conditions.

e. The Old Bank District residential overlay, for the purposes of these Conditions, shall be defined as the area bound by South Spring St., West 5th St., West 4th St., and Werdin Pl.

2. FILMING STANDARD HOURS AND DAYS

a. Filming activity, or any production-related activity including but not limited to activities such as base camps, catering, generators, etc., within the **DLANC boundaries** is restricted to the hours of 6:00 a.m. to 11:00 p.m. within a 100-foot radius of any residential building. Filming activity in the **Broadway Entertainment District** is restricted to the hours of 6:00 a.m. to Midnight within a 50-foot radius of any residential building. **Old Bank District** is restricted to the hours of 7:00 a.m. to 10:00 p.m. within a 100-foot radius of any residential building**.** No extension of the standard filming hours for

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filming or any disruptive production-related activity shall be allowed until a signature survey has been properly submitted. Proof of signature surveys shall be made available to DLANC upon request.

b. No film permits may be issued along Main and Spring Streets from 2nd to 9th Streets, or on any block of 2nd through 9th Streets between Los Angeles and Spring during the Downtown Art Walk, currently held on the second Thursday of each month. Filming inside of private buildings or entirely on private property during this time is permitted so long as there are no external impacts.

c. No filming may be conducted in close proximity to major public events anywhere in Downtown Los Angeles as permitted by the LAPD, or identified with 30 days notice to the City's Designated Film Permit Contractor by DLANC. Film permits may be considered in light of major public events on a case-by-case basis so long as their issuance will not cause further disruption to Downtown businesses and residents during such events.

3. RESIDENTIAL AND MERCHANT PROTECTIONS IN THE DLANC BOUNDARIES

a. A film permit may include no more than 300 feet of curb lane per city block for the parking of film production vehicles, crew or equipment. Requests for additional amounts of curb lane shall require a signature survey. The **Broadway Entertainment District** is exempt from this restriction.

b. Production personnel (and equipment utilized by the production company) shall not block the sidewalk area in front of an open commercial business or a residential building, including residential patios, windows, doorways, or entryways, unless the production company has secured the permission of the merchant and/or property owner. Where the commercial business is one that is primarily open in the evening and nighttime hours, the production company, their cast and crew may not block the access to and signage of such establishment (as seen from the street), without permission of the merchant and/or property owner during the hours of operation of the business.

c. Customers, employees, residents, and guests of affected properties shall be allowed free ingress/egress to all buildings, merchants, and parking facilities. Arrangements shall be made to ensure access to deliveries, trash pickup, residential move-in/move-out, and vendor access to the properties/merchants during productions.

d. All commercial businesses must prominently post hours of operation and contact phone numbers, and residential buildings must have a designated contact person authorized to give permission. Special events held by commercial businesses, outside of normal business hours, must also be posted in advance, and production companies must provide full access and visibility during such events.

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4. NOISE, FUMES, AND LIGHTING WITHIN THE DLANC BOUNDARIES

a. Generators, portable toilets or toilet vehicles, and outdoor food preparation using charcoal or gas grills must be a minimum of 50 feet (horizontally) from any residential window or entrance. If it is physically impossible for a generator to be a minimum of 50 feet from residential windows or entrances, the generator shall be placed as far away as possible and vented away from residential windows and entrances. However, under no circumstances shall a generator be placed directly underneath a residential window.

b. Film productions must focus lighting on the filming area only and make every effort to shield the lighting from adjacent properties, pedestrians, and patrons of commercial businesses at all times. Exceptional lighting (e.g., Musco and Bebee lighting) outside of regular filming hours shall not be allowed without a signature survey of the affected merchants and/or property owners. **Signature survey shall be required for Exceptional lighting within the Old Bank District between the hours of 6:00 p.m. and 6:00 a.m.** Under no circumstances shall lighting be directed onto oncoming traffic.

c. Film production companies are required to completely remove all trash, food, and cardboard boxes, etc. from the general vicinity at the end of each filming day. Film production companies will be held responsible for the actions of catering companies they employ to provide food for the cast and crew.

5. SPECIAL REQUESTS AND EXCEPTIONS REVIEW AND NOTIFICATION WITHIN THE DLANC BOUNDARIES

a. Helicopters shall not be granted permits for landing at non-certified helipads before and after approved filming hours. All aerial filming productions must provide upon request a copy of an approved FAA Form 7711-2, or other official waiver, along with a copy of the briefing on the flight operations for all participating persons or property.

b. No film permit shall be construed as a waiver of 14 CFR § 91.119, 14 CFR § 91.515(a) or 14 CFR § 91.303(e), dictating federal flight altitude regulations, for purposes of non-participating persons or property (see attachment).

c. Notification beyond the standard 500-foot radius will be made to affected residents and merchants for high impact activity that is likely to cause interference with adjacent properties of people such as car chases, simulated gun fire, explosions, screams for help and other loud noises, helicopter activity, road closures or other such exceptional activities that might cause a police response to the filming location. High impact filming activity must be preceded by notifications at least two days in advance. The City's Designated Film Permit Contractor or the production company shall consult a designated DLANC representative when an applicant requests a permit for high impact filming activity with less than two days notice.

d. Due to the location of building air intake systems on Lower Grand Avenue, no special effects, including smoke, steam or fog, may occur in that area without first obtaining

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clearance from the appropriate building contacts and maintenance engineers. Contact must be made at least 48 hours prior to the proposed effect(s).

6. FILMING-RELATED CONGESTION WITHIN THE DLANC BOUNDARIES

a. The City's Designated Film Permit Contractor will ensure that the impact from filming at recurrently used locations is minimized to the affected residents and businesses.

b. In rush hour restricted lanes, as designated by LADOT, no Intermittent Traffic Control (ITC) shall be permitted during Rush Hours (7:00 a.m. – 9:00 a.m. and 4:00 p.m. – 7:00 p.m., Monday through Friday). No simultaneous closures or ITC of both the Second and Third Street Tunnels will be permitted.

c. Production companies shall request the posting of "no parking" signs, lane or street closures with LADOT for the day(s) that they are "on site" only. When closures are not necessary for the day(s) requested, production companies shall report the changes to the City's Designated Film Permit Contractor, who shall notify LADOT, who must revise and/or remove parking signs, as necessary.

d. Production companies must provide adequate detour and directional signage when street closures are in place, conforming to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks and public transit vehicles.

7. ENFORCEMENT OF CONDITIONS

a. In accordance with the terms of their work permit issued from LAPD, off-duty or retired police officers must, upon reporting to a work site, review and ensure compliance with conditions outlined on the filming permit. Officers shall ensure compliance with arrival and departure time, and shall not allow any activity or conduct that is in violation of local or state law, nor allow any filming condition that is not authorized by the permit. Variations from the requirements of the permit are not allowed unless approved by an authorized representative of the City's Designated Film Permit Contractor.

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ATTACHMENT

(Note: The following are the most current federal flight altitude regulations as of November 2007. The regulations could change at any time.)

§ 91.119 Minimum safe altitudes: General.

Except when necessary for takeoff or landing, no person may operate an aircraft below the following altitudes:
(a) Anywhere. An altitude allowing, if a power unit fails, an emergency landing without undue hazard to persons or property on the surface.
(b) Over congested areas. Over any congested area of a city, town, or settlement, or over any open air assembly of persons, an altitude of 1,000 feet above the highest obstacle within a horizontal radius of 2,000 feet of the aircraft.
(c) Over other than congested areas. An altitude of 500 feet above the surface, except over open water or sparsely populated areas. In those cases, the aircraft may not be operated closer than 500 feet to any person, vessel, vehicle, or structure.
(d) Helicopters. Helicopters may be operated at less than the minimums prescribed in paragraph (b) or (c) of this section if the operation is conducted without hazard to persons or property on the surface. In addition, each person operating a helicopter shall comply with any routes or altitudes specifically prescribed for helicopters by the Administrator.

§ 91.515 Flight altitude rules.

(a) Notwithstanding §91.119, and except as provided in paragraph (b) of this section, no person may operate an airplane under VFR at less than—
(1) One thousand feet above the surface, or 1,000 feet from any mountain, hill, or other obstruction to flight, for day operations; and
(2) The altitudes prescribed in §91.177, for night operations.

§ 91.303 Aerobatic flight.

No person may operate an aircraft in aerobatic flight—
(a) Over any congested area of a city, town, or settlement;
(b) Over an open air assembly of persons;
(c) Within the lateral boundaries of the surface areas of Class B, Class C, Class D, or Class E airspace designated for an airport;
(d) Within 4 nautical miles of the center line of any Federal airway;
(e) Below an altitude of 1,500 feet above the surface; or
(f) When flight visibility is less than 3 statute miles.

For the purposes of this section, aerobatic flight means an intentional maneuver involving an abrupt change in an aircraft's attitude, an abnormal attitude, or abnormal acceleration, not necessary for normal flight.

[Doc. No. 18834, 54 FR 34308, Aug. 18, 1989, as amended by Amdt. 91– 227, 56 FR 65661, Dec. 17, 1991]

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